

**Secure Communication Protocol Utilizing A Private Key Delivered Via A Secure  
Protocol**

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**ABSTRACT**

A method for operating a computer system having first, second, and third data processors connected by a network. The second and third data processors are connected by an insecure network segment, while the first and third data processors are connected by a network segment that has a higher level of security than the insecure network segment. A secure communication between the first and second data processors is established by having the second data processor send an encryption key for a first encryption protocol to the third data processor utilizing a second encryption protocol. The third data processor forwards the encryption key to the first data processor. The first data processor then sends a message to the second data processor utilizing the encryption key and the first encryption protocol.

TOP SECRET//  
SIGNAL